

1 MILE RADIUS

PROPOSED NEW WELLS

PROPOSED WWTP

N 37° 54' 44"

PROPOSED POINT
OF DISCHARGE
(N 37° 54' 32.77"
W 76° 26' 18.29")

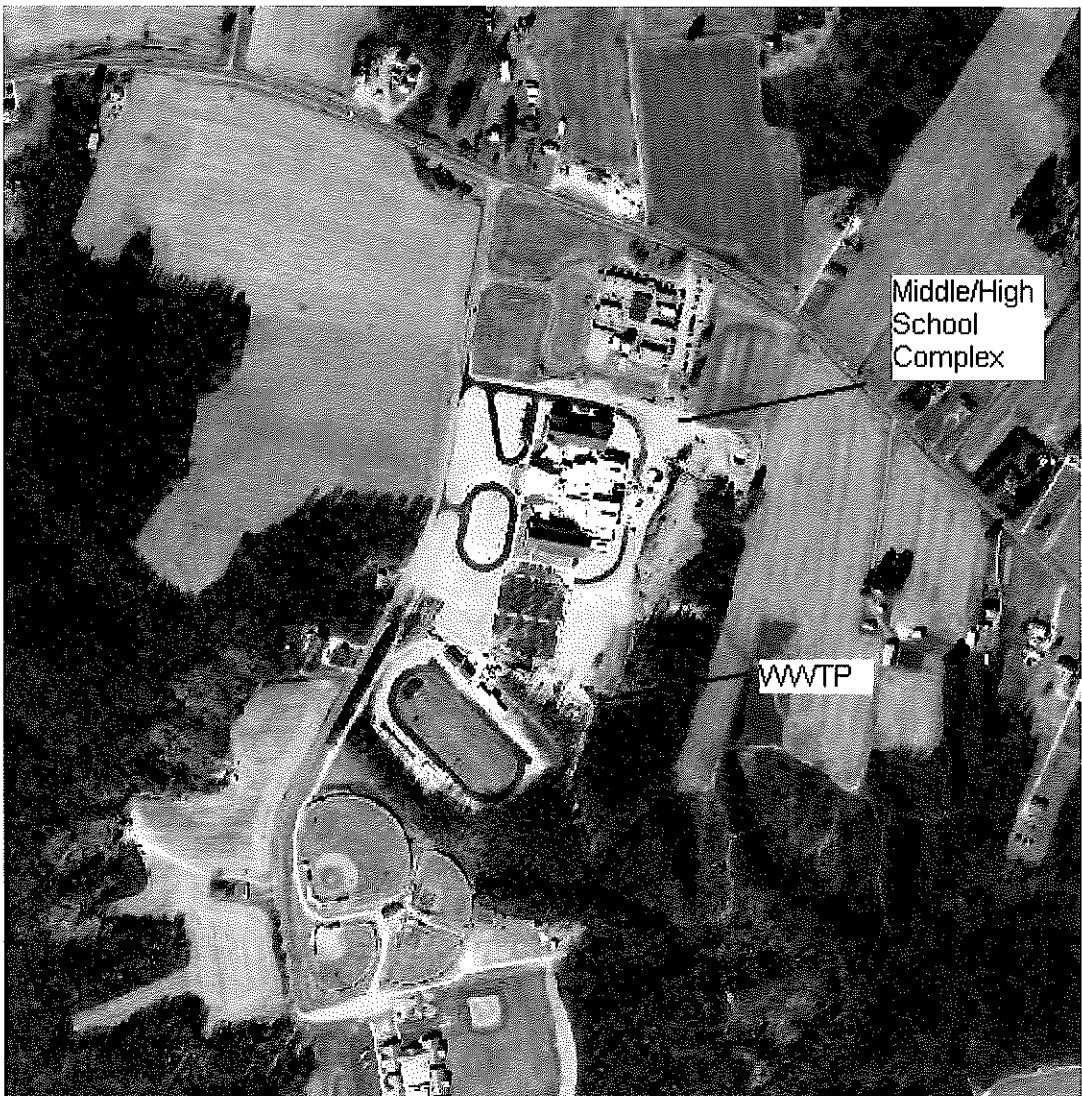
**EXISTING ELEMENTARY
SCHOOL WELL**

FEMA 100 YEAR

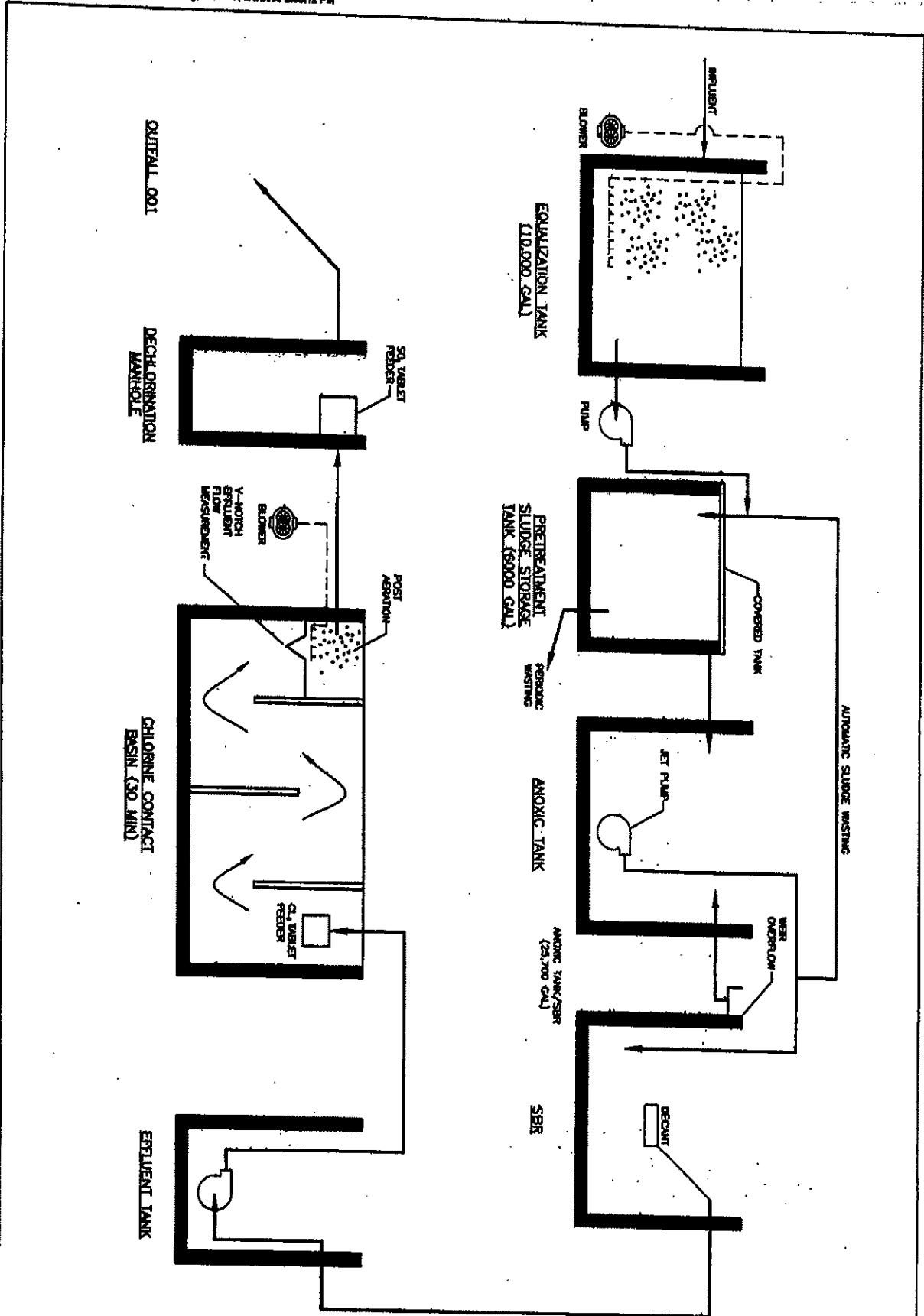
This figure is a topographic map of a rural area, likely in Northumberland County, Pennsylvania. The map features contour lines indicating elevation changes. A network of roads is shown, with route numbers 88, 68, and 109 visible. Several bodies of water, including ponds and a lake, are depicted with hatching. A small town or cluster of buildings is located near the center-right of the map.

The map includes several key features labeled with text boxes:

- PROPOSED NEW WELL**: Located in the upper right quadrant, indicated by a dashed circle.
- PROPOSED WWTP**: Located in the lower right quadrant, indicated by a dashed circle.
- EXISTING ELEMENTARY SCHOOL WELL**: Located in the center-left quadrant, indicated by a dashed circle.
- 1/4 MILE RADIUS**: A dashed circle centered on the Existing Elementary School Well, representing a buffer zone.
- PROPOSED POINT OF DISCHARGE**: A dashed circle centered on the Proposed New Well, representing the point of discharge for effluent.
- FEMA 100 YEAR FLOOD PLAN**: A shaded polygon representing the 100-year floodplain boundary.
- PROPERTY LINE**: A line separating land parcels.
- Wells**: Labeled with "Wells" and numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 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2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2009, 2010, 2011, 2012,



Aerial image of wastewater treatment plant (Source: Google)



TIMMONS GROUP

NORTHUMBERLAND MIDDLE/HIGH SCHOOL WWTP
NORTHERN BUCKEY COUNTY, VIRGINIA

PROJECT INFORMATION				THE DRAWINGS PREPARED AT THE CORPORATE OFFICE			
THE VENUS ACHMED ENGINEERING CO.				2011 University Parkway, Suite 200 Herndon, VA 20170 TEL: 703.437.1000 FAX: 703.437.1000 www.venusachmed.com			
Site Development	Architectural	Structural	Geotechnical	Environmental	Hydrology/Hydraulics	Wastewater Treatment	Technology
Site Development	Architectural	Structural	Geotechnical	Environmental	Hydrology/Hydraulics	Wastewater Treatment	Technology
Site Development	Architectural	Structural	Geotechnical	Environmental	Hydrology/Hydraulics	Wastewater Treatment	Technology